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(54) Title: PROCESS FOR THE PRODUCTION OF ALUMINIUM HYDROXIDE

(57) Abstract: Gibbsite type aluminium hydroxides are obtained by seeding a Bayer liquor with bayerite crystals. The gibbsite type aluminium hydroxides show excellent properties as fire retardant fillers in synthetic resins.

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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

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According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data, CHEM ABS Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	A.R. GERSON ET AL.: "Influence of solution constituents, solution conditioning and seeding on the crystalline phase of aluminium hydroxide using in situ X-ray diffraction" JOURNAL OF CRYSTAL GROWTH, vol. 160, no. 3,4, 1996, pages 346-354, XP002151672	1,9
Y	page 348; table 2 --- -/--	10,11

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	DATABASE WPI Section Ch, Week 199737 Derwent Publications Ltd., London, GB; Class A14, AN 1997-399664 XP002151673 & JP 09 176367 A (SUMITOMO CHEM CO LTD), 8 July 1997 (1997-07-08)	10,11
A	abstract ---	7,8
X	SATPATHY B K ET AL: "DEVELOPMENT OF SPECIAL GRADE HYDRATE AND ALUMINA" , PROCEEDINGS OF THE TMS ANNUAL MEETING,US,WARRENDALE, TMS, VOL. MEETING 123, PAGE(S) 147-153 XP000625565 ISBN: 0-87339-264-7 table 3 ---	7,8
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